



## PATENT APPLICATION

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:

Steven A. Rogers

Serial No.: 10/722,676

Filed: November 25, 2003

For: INTERNET ENDPOINT SYSTEM

Group Art Unit: 2666

Examiner: Scheibel, Robert C.

Atty. Dkt. No. 006389.00005

### INFORMATION DISCLOSURE STATEMENT

U.S. Patent and Trademark Office  
Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In accordance with 37 C.F.R. § 1.56 and 1.97, Applicant(s) provides the following for consideration by the Office during examination of the above-captioned application. This submission is not intended as an admission that any submitted document or reference constitutes prior art against the claims of the present application. Applicant(s) do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Applicant(s) hereby make the following statements, if checked:

- ☒ Enclosed is a PTO Form PTO/SB/08a listing art for consideration by the Examiner, and a copy of each of the identified documents is included if presently required by Office rules and regulations.
- ☐ Pursuant to 37 C.F.R. § 1.97 (b) (1), the undersigned states that the present information disclosure statement is being filed within three months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. § 1.53 (d).

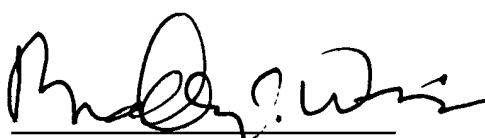
- ☐ Pursuant to 37 C.F.R. § 1.97 (b) (2), the undersigned states that the present information disclosure statement is being filed within three months of the date of entry of a national stage as set forth in 37 C.F.R. § 1.491 in an international application.
- ☐ Pursuant to 37 C.F.R. § 1.97 (b) (3), the undersigned states that the present information disclosure statement is being filed before the mailing of a first Office action.
- ☐ Pursuant to 37 C.F.R. § 1.97 (b) (4), the undersigned states that the present information disclosure statement is being filed before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114.
- ☐ Pursuant to 37 C.F.R. § 1.97 (e) (1), the undersigned states that each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
- ☐ Pursuant to 37 C.F.R. § 1.97 (e) (2), the undersigned states that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned, upon reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.
- ☐ Pursuant to 37 C.F.R. § 1.704 (d), the undersigned states that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and that the communication was not received by any individual designated in § 1.56 (c) more than thirty days prior to the filing of this information disclosure statement.
- ☐ It is believed no fee is required to make this a complete and timely filing. However, if a fee is required, please charge our Deposit Account No. 19-0733.
- ☐ The undersigned hereby authorizes the Office to charge the fee pursuant to 37 C.F.R. § 1.17 (p) to our Deposit Account 19-0733.

☐ OTHER REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Consideration of this information is respectfully requested, with citation thereto on the face of the issued patent as applicable.

Respectfully submitted,  
**BANNER & WITCOFF, LTD.**

Dated: July 25, 2006

By:   
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BCW/vav

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/722,676
Filing Date	November 25, 2003
First Named Inventor	Steven A. Rogers
Group Art Unit	2666
Examiner Name	Scheibel, Robert C.
Attorney Docket Number	006389.00005

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US-5,271,000 A	12/1993	Engbersen et al	
	2	US-5,373,504	12/1994	Tanaka et al.	
	3	US- 5,408,465	4/1995	Gusella et al.	
	4	US-5,432,775	7/1995	Crayford	
	5	US-5,477,531	12/1995	McKee et al	
	6	US- 5,517,620	5/1996	Hashimoto et al.	
	7	US-5,563,875	10/1996	Hefel et al.	
	8	US- 5,610,903	3/1997	Crayford	
	9	US-5,781,534	7/1998	Perman et al.	
	10	US-6,067,572	5/2000	Jensen et al.	
	11	US- 6,134,589	10/2000	Hultgren	
	12	US- 6,373,822 B1	4/2002	Raj et al.	
	13	US- 6,487,593 B2	11/2002	Banks	
	14	US- 6,496,477 B1	12/2002	Perkins et al.	
	15	US- 6,529,480 B1	3/2003	Stewart et al.	
	16	US- 6,618,360 B1	9/2003	Scoville et al.	
	17	US-6,711,137B1	3/2004	Klassen et al	
	18	US-6,731,600 B1	5/2004	Patel et al	
	19	US- 2002/0186660 A1	12/2002	Bahadiroglu	
	20	US- 2003/0117959 A1	6/2003	Taranov	
	21	US-6,778,536B1	8/2004	Ofek et al	
	22	US-4,745,593A	5/1998	Stewart	
	23	US- 426,944 B1	7/2002	Moore	
	24	US-5,455,865	10/1995	Perlman	
	25	US-6,359,885 B1	3/2002	Kim et al.	
	26	US- 6,426,814 B1	7/2002	Berger et al.	
	27	US-6,502,135 B1	12/2002	Munger et al.	
	28	US-6,574,193 B1	6/2003	Kinrot	
	29	US- 6,618,761 B2	9/2003	Munger et al.	
	30	US- 6,628,629 B1	9/2003	Jorgensen	
	31	US- 6,633,544 B1	10/2003	Rexford et al.	
	32	US-2002/0080719 A1	6/2002	Parkvall et al.	
	33	US- 2002/0086641 A1	7/2002	Howard	
	34	US-2002/0110129 A1	8/2002	Matsuoka et al.	
	35	US- 2002/0191592 A1	12/2002	Rogers et al.	
	36	US- 2003/0058880 A1	3/2003	Sarkinen et al.	
	37	US- 2003/0067903 A1	4/2003	Jorgensen	
	38	US-2003/0219029 A1	11/2003	Pickett	
	39	US-2004/0008655	1/2004	Park et al.	
	40	US-2002/0010792 A1	1/2002	Border et al.	
	41	US-2003/0188188 A1	10/2003	Padmanabhan et al.	
	42	US-2004/0179530 A1	9/2004	Verbesselt et al.	
	43	US-2004/0014491 A1	1/2004	Weigand	
	44	US-2002/0054611 A1	9/2002	Seta	



## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
O I P E JUL 25 2006 PATENT & TRADEMARK OFFICE	45	WO 00/28705	05/18/2000	Odyssia Systems, Inc.		
	46	WO 00/28706	05/18/2000	Odyssia Systems, Inc.		
	47	WO 03/084137 A2	10/9/2003	Shay et al		
	48	WO 02/41505 A2	05/23/2002	Broadcom Corporation		
	49	JP 04/056322 A	2/19/2004	Hirayama		
	50	EP 0827307 A2	3/4/1998	Marin et al		

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	51	Business Communications Review; 9/2003; "Circuit-y New Choices for IP Networks" pp 18-24	
	52	Packet Sequencing: A Layer -2 Wan Switching Technology for Per-Flow Ideal QoS and Secure IP Networking; Steven A. Rogers, Sean S.B. Moore and Curtis A. Siller, Jr.; Abstract pp 1-6;	
	53	Cetacean Networks; <a href="http://www.cetacean.com">www.cetacean.com</a> ; "Cost-Effective IP Networks for High Quality Videoconferencing" 11/2002; PP 1-9	
	54	Copyright @ 2003, Cetacean Networks, Inc.; "A Deterministic Protocol for QoS in IP Networks: Packet Sequencing; Steven A. Rogers, Sean S.B. Moore, Ph.D. and Curtis A. Siller, Jr. Ph.D.; Abstract pp 1-18	
	55	Copyright @ 2003; Packet Sequencing: IP Networks; Sean S.B. Moore, Ph.D.; Cetacean Networks, Inc.; pp 98-107	
	56	Copyright @ 2001; Practical Limits on Network Utilization in Converged IP Networks; Sean S.B. Moore, Ph.D. ; Cetacean Networks, Inc.; pp 1-2	
	57	Self-Adjusted Network Transmission for Multimedia Data; Mei-Ling Shyu, Shu-Ching Chen, Hongli Luo; Abstract; 6pages;	
	58	The Problem of Upstream Traffic Synchronization in Passive Optical Networks; Glen Kramer; Abstract pp 1-7;	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Approved for use through 10/31/2002. OMB 0651-0031

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/722,676
Filing Date	11/25/2003
First Named Inventor	Steven A. Rogers
Group Art Unit	2666
Examiner Name	Scheibel, Robert C.
Attorney Docket Number	006389.00005

## ENCLOSURES (check all that apply)

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment / Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><b>14 References Enclosed:</b><br><b>(Cite Nos. 45 - 58)</b> |
|--|---|---|

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name  
Bradley C. Wright, Registration No. 38,061

Signature

Date

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